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COMMITTEE ON THE PEACEFUL
USES OF OUTER SPACE

INFORMATION FURNISHED IN CONFORMITY WITH THE CONVENTION
ON REGISTRATION OF OBJECTS LAUNCHED INTO OUTER SPACE

Note verbale dated 5 May 1978 from the Permanent Representative of the United States addressed to the Secretary-General

The Representative of the United States of America to the United Nations presents his compliments to the Secretary-General of the United Nations and has the honour to enclose certain registration data concerning objects launched into orbit or beyond by the United States. This submission is in accordance with the 1975 Convention on Registration of Objects Launched into Outer Space.

With additions and deletions contained in the current submission, you will have received for the Register information concerning all United States space objects launched into orbit or beyond as of 28 February 1978.

REGISTRATION DATA FOR US SPACE LAUNCHES

I. The following report supplements the registration data for the United States Space Launches as of 2400Z on 30 November 1977

All launches were made from the territory of the United States unless otherwise specified

International Designation	Date of Launch	Nodal Period	Inclination	Apogee (km)	Perigee (km)	General Function of Space Object
New Objects in Orbit						
1977-108B	Nov 23	117.1	28.3	2612	487	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects.
The following objects not previously reported have been identified since the previous report						
1977-065EA 065ES	July 14	136 Objects have been identified as having been launched with 1977 065A. 119 Objects have previously been reported.				Spent boosters, spent maneuvering stages, shrouds and other non-functional objects.

The following objects not previously reported were identified since the previous report but were no longer in orbit as of 2400Z on 30 November 1977: NONE

The following objects achieved orbit since the previous report but were no longer in orbit as of 2400Z on 30 November 1977: NONE

The following objects were no longer in orbit as of 2400Z on 30 November 1977: 1972-058GP
1975-004FF
1975-004HA
1977-065BW
1977-075B

SUPPLEMENTAL INFORMATION:

The following objects were launched since the previous report but did not achieve orbit: NONE

THE FOLLOWING REVISION SHOULD BE MADE IN THE REPORTS LISTED BELOW

Report of May 1977 - 1976-101E should be added to Objects No Longer in Orbit.

Report of Oct 1977 - 1975-004FJ should be added to Objects No Longer in Orbit.

II. The following report supplements the registration data for the United States Space Launches as of 2400Z on 31 December 1977

All launches were made from the territory of the United States unless otherwise specified

International Designation	Date of Launch	Nodal Period	Inclination	Apogee (km)	Perigee (km)	General Function of Space Object
New Objects in Orbit						
1977-112A	Dec 8	107.5	63.3	1118	1103	Spacecraft engaged in investigation of space flight techniques and technology.
1977-112B	Dec 8	107.5	63.3	1115	1101	Spent boosters, spent maneuvering stages, shrouds and other nonfunctional objects.
1977-112C	Dec 8	107.6	63.4	1180	1055	Spent boosters, spent maneuvering stages, shrouds and other nonfunctional objects.
1977-112D	Dec 8	107.6	63.3	1185	1054	Spacecraft engaged in investigation of space flight techniques and technology.
1977-112E	Dec 8	107.5	63.4	1168	1053	Spacecraft engaged in investigation of space flight techniques and technology.
1977-114A	Dec 11	591.75	27.8	40137	6560	Spacecraft engaged in investigation of space flight techniques and technology.
1977-114B	Dec 11	591.75	27.8	40137	6560	Spent boosters, spent maneuvering stages, shrouds and other nonfunctional objects.
1977-118B	Dec 15	111.3	28.6	2088	482	Spacecraft engaged in practical applications and uses of space technology such as weather or communications.
1977-118C	Dec 15	111.3	28.6	2088	482	Spent boosters, spent maneuvering stages, shrouds and other nonfunctional objects.

The following objects are no longer in orbit as of 2400Z on 31 December 1977: 1961-0MI 249
1973-086FN
1974-101F
1975-004ET
1977-018C
1977-056A
1977-080E
1977-094A

III. The following report supplements the registration data for the United States Space Launches as of 2400Z on 31 January 1978

All launches were made from the territory of the United States unless otherwise specified

International Designation	Date of Launch	Nodal Period	Inclination	Apogee (km)	Perigee (km)	General Function of Space Object
New Objects in Orbit						
1978-002A	Jan 7	1432.4	0.4	35797	35634	Spacecraft engaged in practical applications and uses of space technology such as weather or communications.
1978-012A	Jan 26	1435.7	28.6	45887	25669	Spacecraft engaged in practical applications and uses of space technology such as weather or communications.
1978-012B	Jan 26	95.9	28.7	963	161	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects.
The following objects not previously reported have been identified since the last report:						
1977-112F	Dec 8	107.5	63.4	1165	1058	Spacecraft engaged in investigation of space flight techniques and technology.
1977-112G	Dec 8	107.6	63.4	1166	1070	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects.

The following objects were no longer in orbit as of 2400Z on 31 January 1978: 1963-014AH
1965-082BL
1965-082QL
1966-063A
1969-082GR
1970-025NP
1974-089CV
1975-004DQ

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IV. The following report supplements the registration data for the United States Space Launches as of 2400Z on 28 February 1978

All launches were made from the territory of the United States unless otherwise specified

International Designation	Date of Launch	Nodal Period	Inclination	Apogee (km)	Perigee (km)	General Function of Space Object
New Objects in Orbit						
1978-016A	Feb 9	1426.3	27.1	35666	35523	Spacecraft engaged in practical applications and uses of space technology such as weather and communications.
1978-016B	Feb 9	620.4	26.4	35263	172	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects.
1978-020A	Feb 22	718.0	63.0	20183	20183	Spacecraft engaged in investigation of space flight techniques and technology.
1978-021A	Feb 25	720.0	63.5	34272	805	Spacecraft engaged in investigation of space flight techniques and technology.
1978-021B	Feb 25	702.8	63.2	39377	311	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects.

The following objects not previously reported have been identified since the previous report:

1976-077B-077Z	July 29	23 Objects have been identified as being launched with 1976-077A				Spent boosters, spent maneuvering stages, shrouds and other non-functional objects.
1978-002B	Jan 7	651.3	21.8	36418	602	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects.
1978-012C	Jan 26	846.8	28.7	46378	164	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects.

The following objects are no longer in orbit as of 2400Z on 28 February 1978:

1965-082RM
1966-056W
1966-056X
1966-056Y
1969-082FX
1972-058HC
1972-058GK
1975-004CR
1976-089C
1977-018E
1977-065CE
1977-080D
1978-012B